

# WINDBREAK/SHELTERBELT ESTABLISHMENT

## PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 380



### WINDBREAK/SHELTERBELT ESTABLISHMENT

Windbreaks and shelterbelts are single or multiple rows of trees or shrubs planted for environmental purposes.

### PRACTICE INFORMATION

This practice can be used in any area where woody plants are suited. The specie, location, layout, and density of the planting depends on the purpose and planned function of the practice.

In areas where natural precipitation is too low for establishment of suitable woody species, moisture conservation or supplemental irrigation should be planned.

The effectiveness of a windbreak or shelterbelt is dependent on the height of the mature plants. Therefore, this is a long term proposition that may take 20 years to become fully functional.

This is a multipurpose practice that will serve one or more of the following functions:

1. Reduce wind erosion
2. Protect growing plants
3. Manage snow
4. Provide shelter for structures and livestock
5. Provide wildlife food and cover
6. Provide tree or shrub products
7. Provide living schreens
8. Improve aesthetics
9. Improve moisture use efficiency

Additional information including standards and specifications for this practice are available in the NRCS Field Office Technical Guide.